

**CALIFORNIA ENERGY COMMISSION
Agricultural Peak Load Reduction Program**

**Storage Reservoir
Talley Farms Project Summary**

Project Description:

An approximate 24 acre-foot storage reservoir was constructed, using dirt excavation, to replace the current reservoir on Talley Farms. Talley Farms is a vegetable farm located in the Arroyo Grande Valley just downstream from Lopez Dam in San Luis Obispo County. Two wells supply water for this portion of the farm, using water captured from a seasonal creek. With the new storage capability, these wells can supply the farm's water needs while operating entirely off-peak hours.



Overview of reservoir

Project Results:

Both wells are on time-of-use rate schedules. Utility costs have lowered from off-peak operation; however, future savings are also dependent upon Talley Farms' ability to avoid on-peak penalty charges. Peak load reduction will be verified by inspection of utility bills for the period June through September 2002.

Total Project Cost	\$85,552.47
Total Grant Award	\$10,257.50
Contracted Kilowatt Load Reduction	41.03
Actual Kilowatt Load Reduction	Awaiting receipt and analysis of utility bills through verification period

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